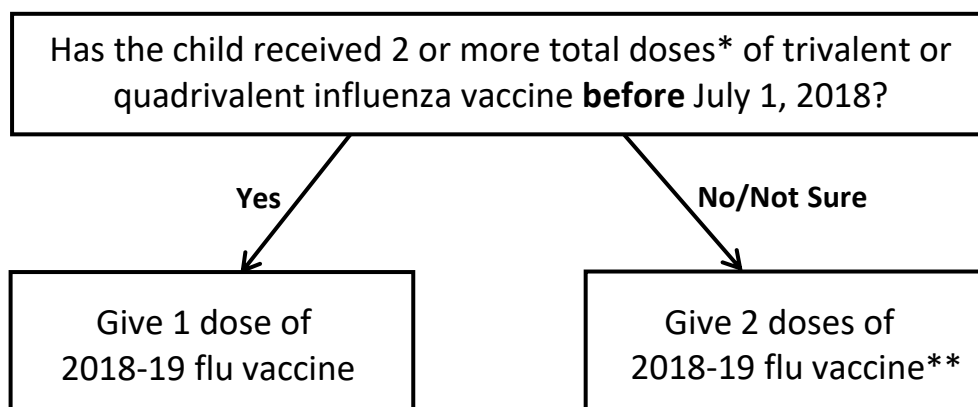


Who Needs 2 Doses of 2018-19 Seasonal Influenza Vaccine?

2018-19 Pediatric 2-Dose Algorithm for Children Aged 6 Months through 8 Years



*The 2 doses of flu vaccine do not need to have been received during the same season or consecutive seasons

**Separate 2 doses of flu vaccine by at least 4 weeks

Points to consider for the 2018-19 Influenza Season

- All persons aged 6 months and older need at least 1 dose of 2018-19 flu vaccine; some children aged 6 months through 8 years need 2 doses of 2018-19 flu vaccine
- Children aged 6 months through 8 years who received 2 or more total doses of any trivalent or quadrivalent seasonal flu vaccine before July 1, 2018, only need 1 dose of 2018-19 seasonal flu vaccine
- If a child has not received at least 2 trivalent or quadrivalent flu vaccine doses (e.g., IIV3, IIV4, LAIV3, LAIV4, cclIV3, cclIV4) before July 1, 2018, administer 2 doses of flu vaccine separated by 4 weeks
 - Give the first dose as soon as possible after vaccine becomes available to allow the second dose to be received by the end of October
 - The same vaccine product does not need to be used for both doses; use any age-appropriate flu vaccine that is available that day (and ensure you use the correct dosage, see box below)
- When assessing a child's flu vaccine history to determine if 1 or 2 doses are needed, only review flu vaccine doses given prior to July 1, 2018 (i.e., do not include doses received during the 2018-19 flu season)
- Persons aged 9 years and older only need 1 dose of flu vaccine, regardless of previous flu vaccination history
- Influenza vaccine acronyms: Inactivated Influenza Vaccine, trivalent (IIV3) and quadrivalent (IIV4); cell culture-based IIV, trivalent (cclIV3) and quadrivalent (cclIV4); Live Attenuated Influenza Vaccine, trivalent (LAIV3) and quadrivalent (LAIV4); **NOTE:** not all these presentations are available in 2018-19

Remember influenza vaccine dosage is based on **age** and **flu vaccine product**¹:

- Dosage for children aged 3 years and older is 0.5 mL regardless of flu vaccine product
- For children aged 6-35 months there are 3 licensed flu vaccine products: Fluzone[®] dosage is 0.25 mL, FluLaval[®] and Fluarix[®] dosage is 0.5 mL
 - If using Fluzone for a child aged 6-35 months, 0.25 mL is a full dose. If the child needs 2 doses, give 2 doses of 0.25 mL separated by 4 weeks.
 - If using FluLaval or Fluarix for a child aged 6-35 months, 0.5 mL is a full dose. If the child needs 2 doses, give 2 doses of 0.5 mL separated by 4 weeks.

¹ For more information on pediatric flu vaccine dosage, refer to "2018-19 Seasonal Influenza Vaccine Dosage for Children" at www.michigan.gov/flu. Refer to "Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the ACIP – U.S., 2018-19 Influenza Season," MMWR Recomm Rep 2018;67(No. RR-3):1-20, located at www.cdc.gov/vaccines. For more information regarding flu vaccination, refer to www.michigan.gov/flu, www.cdc.gov/vaccines, or www.cdc.gov/mmwr.